

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED GAS SUB. REPORT/abd.

\* 1-12-84 Location abandoned, well never drilled

DATE FILED 8-23-82

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-46730

INDIAN

DRILLING APPROVED: 8-27-82

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 1-12-84 L.A.

FIELD: WILDCAT 3/86

UNIT:

COUNTY: UINTAH

WELL NO. ENI-HATCH #1-9

API NO. 43-047-31262

LOCATION 2459

FT. FROM (N) (S) LINE.

309

FT. FROM (E) (W) LINE.

NESE

1/4 - 1/4 SEC. 1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				13S	25E	1	BEARTOOTH OIL & GAS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OIL &amp; GAS OPERATIONS

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Beartooth Oil &amp; Gas Company

## 3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

309' FSL, 2459' FSL

At proposed prod. zone same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

55 miles northwest of Mack, Colorado

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

309'

## 16. NO. OF ACRES IN LEASE

4549.60

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

6525'

## 19. PROPOSED DEPTH

7843

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6533' GL, 6549' KB

## 22. APPROX. DATE WORK WILL START\*

November 1, 1982

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3# H-40 STC	200'	150 sacks Class "G"
8-3/4"	7" New	20# K-55 STC	3630'	150 sacks 50-50 Pozmix
6-1/4"	4-1/2" New	11.6# N-80 LTC	7843'	175 sacks RFC

1. Surface formation is the Mesaverde.
2. Anticipated geologic markers are: Mancos 2994', Castlegate 3331', Frontier 6967', Dakota 7249', Morrison 7403'.
3. Gas is anticipated in the Dakota, Morrison, and in the Mancos. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde.
4. Proposed casing program: See Item NO. 23 above.
5. Pressure control equipment: See attached well control plan and schematic of drilling contractor's BOP stack. BOP's will be tested before drilling out from under surface and intermediate casing and checked daily.
6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered, chemical-gel type mud will be used. The well will be air drilled from under surface casing to total depth.
7. Auxiliary equipment: See well control plan.

(Continued on back page)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*James G. Routson*  
James G. Routson

TITLE

Petroleum Engineer

DATE

8/18/82

(This space for Federal or State office use)

PERMIT NO.

*WT Martin*

APPROVAL DATE

*E. W. Guynn*

District Oil &amp; Gas Supervisor

DATE

SEP 27 1982

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

## NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYFLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

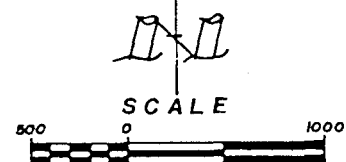
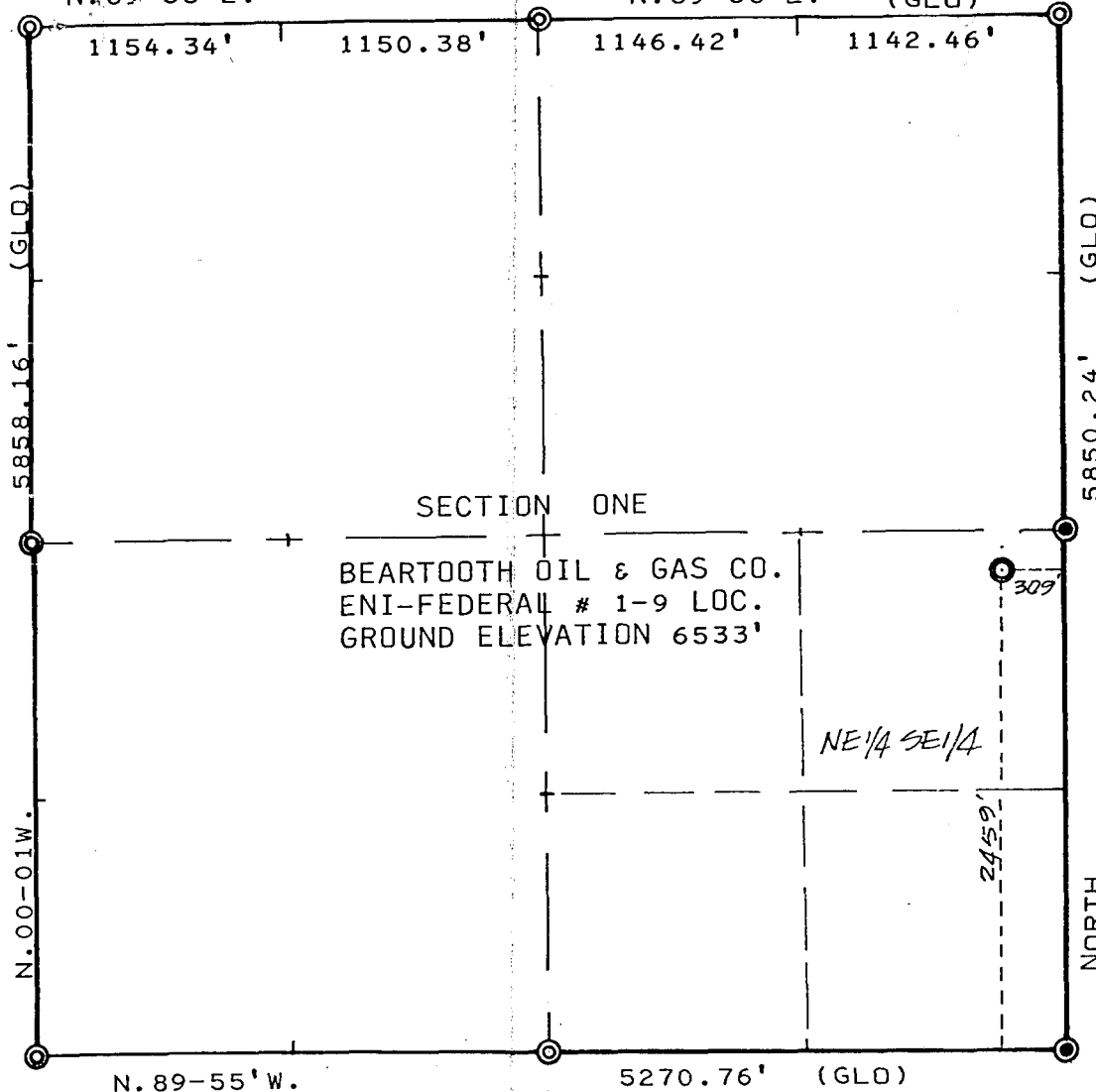
SEC. 1, T. 13S., R. 25E. OF THE S.L.M. P.M.

N. 89-53'E.

N. 89-58'E.

(GLO)

PLAT # 1  
LOCATION PLAT



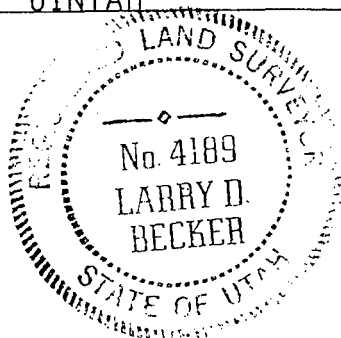
LEGEND

- STANDARD LOCATION OF GLO CORNERS.
- GLO CORNERS FOUND.
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

1923 GLO PLAT  
DAVIS CANYON, UTAH  
QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR BEARTOOTH OIL & GAS CO.  
AS REQUESTED BY KEN CURREY, TO LOCATE THE  
ENI-FEDERAL # 1-9, 2459' FS. L. & 309' FE. L.,  
IN THE NE 1/4 SE 1/4, OF SECTION 1, T. 13S., R. 25E. OF THE S.L.M. P.M.  
UINTAH COUNTY, COLORADO.



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR  
IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS  
SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND  
THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*  
UTAH L.S. NO. 4189

SURVEYED	7-27-82
DRAWN	8-1-82
CHECKED	8-2-82

ENERGY  
SURVEYS &  
ENGINEERING CORP.

1156 BOOKCLIFF AVE. NO. 4  
GRAND JUNCTION, CO. 81501  
938 248-7221

SCALE 1" = 1000'  
JOB NO.  
SHEET OF

Beartooth Oil & Gas Company  
Well No. 1-9  
Section 1, T.13S., R.25E.  
Uintah County, Utah  
Lease U-46730

Supplemental Stipulations

- 1) Traveling off access road rights-of-way will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
- 2) Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained in trash cages and hauled to an approved disposal site.
- 3) A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 4) The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
- 5) Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled from the topsoil.
- 6) Trees and brush will be pushed off the road and pad prior to any mineral soil being bladed.
- 7) The top 8 to 10 inches of topsoil will be stockpiled as addressed in the applicant's APD.
- 8) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesaverde. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

All permanent (onsite for six (6) months duration or longer) structures constructed or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

ADDITIONAL CONDITIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a Submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

U.S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

LAKE CITY, UTAH

SEP 3 1982

ALS MANAGEMENT  
SERVICE  
GAS OPERATIONS  
RECEIVED

FROM: STAFF GEOLOGIST, OIL & GAS, UNIT AGREEMENT SECTION, LAKEWOOD, CO

TO: DISTRICT ENGINEER, OIL & GAS, SALT LAKE CITY, UT

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-46730

OPERATOR: BEAR TOOTH OIL & GAS Co.

WELL NO. ENI-HATCH No. 1-9

LOCATION: 309' FEL & 2459' FSL NE 1/4 SE 1/4 sec. 1, T. 13S, R. 25E, S. 4N  
UINTAH County, UTAH

Gr. EL. 6533'

1. Stratigraphy: The surface rocks are Lower Tertiary River and not Mesozoic as stated by the operator. The estimated top of Mesozoic is reasonable.

2. Fresh Water:

Fresh water could occur in the section of the River and Wasatch Formations and the Mesozoic to a depth of possibly 3,000'.

3. Leasable Minerals:

The well site location falls within an area considered valuable prospectively for Mesozoic coals. The top of the Mesozoic should occur between 1800'-2000'.

4. Potential Geologic Hazards:

None anticipated by the operator.

5. Additional logs Needed:

Sonic and density logs through the Mesozoic to delineate possible coals.

6. References and Remarks:

\* Protect all fresh water aquifers penetrated.  
U.S.G.S. Professional Paper 548.

Signature: Ronald E. Dunnifoon

Date: 8/31/82

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

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WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Beartooth Oil &amp; Gas Company

## 3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

309' FWL, 2459' FSL

At proposed prod. zone same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

55 miles northwest of Mack, Colorado

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

309'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

6525'

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6533' GL, 6549' KB

## 23. PROPOSED CASING AND CEMENTING PROGRAM

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  2. Anticipated geologic markers are: Mancos 2994', Castlegate 3331', Frontier 6967', Dakota 7249', Morrison 7403'.
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- (Continued on back page)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James G. Routson TITLE Petroleum EngineerDATE 8/18/82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE 8-27-82BY: James G. Routson



## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 5:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the road, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Item 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 19:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

The logging program will consist of a DIL log from TD to base of intermediate casing, and FDC-SNP or CNL logs from TD to above the Frontier and across the Mancos. No cores or DST's are planned. No abnormal pressures or temperatures anticipated. No poisonous gas is anticipated. Anticipated spud date is November 1, 1982. Completion operations should commence within 30 days of rig release.

11. Survey plats are attached.
12. The gas is not dedicated.
13. This well will be drilled under Beartooth's blanket bond - No. 55-77-50.
14. The spacing unit for this well will be the S $\frac{1}{2}$  of Section 1.

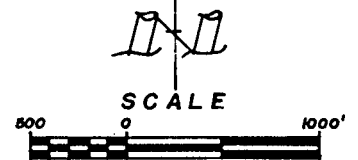
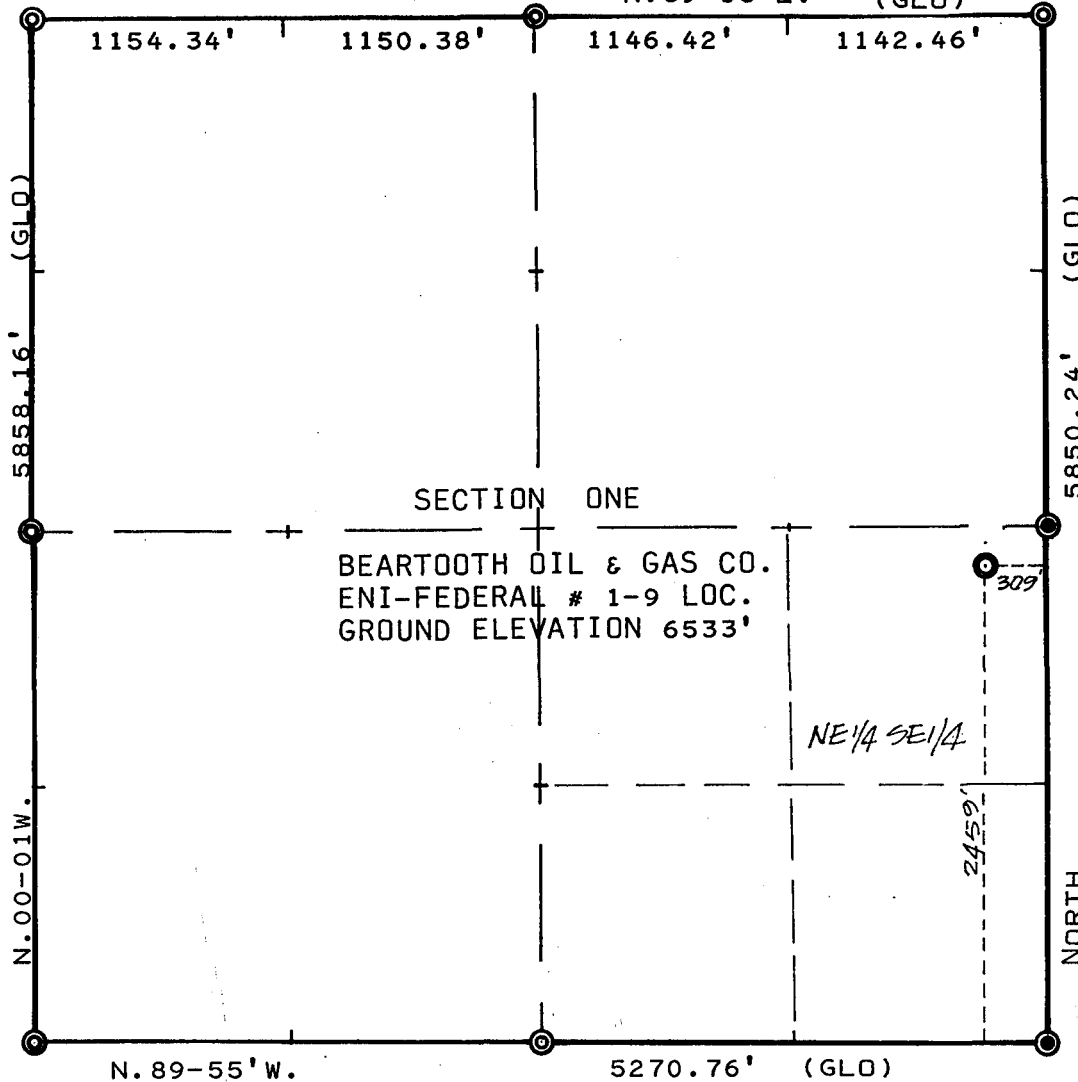
BY: STAD  
DATE: 10/27/82  
OFFICE: DIVISION OF OIL AND GAS, UTAH DEPARTMENT OF NATURAL RESOURCES  
APPROVED BY THE STATE OF UTAH

SEC. 1, T. 13S., R. 25E. OF THE S.L.M. P.M.

N. 89-53'E.

N. 89-58'E. (GLO)

PLAT # 1  
LOCATION PLAT



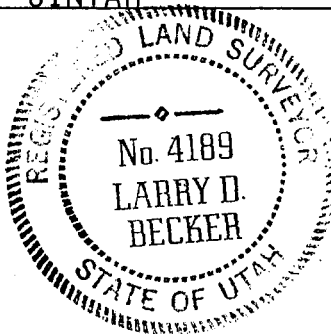
LEGEND

- STANDARD LOCATION OF GLO CORNERS.
- GLO CORNERS FOUND.
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

1923 GLO PLAT  
DAVIS CANYON, UTAH  
QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR BEARTOOTH OIL & GAS CO.  
AS REQUESTED BY KEN CURREY, TO LOCATE THE  
ENI-FEDERAL # 1-9, 2459' F.S.L. & 309' F.E.L.,  
IN THE NE 1/4 SE 1/4, OF SECTION 1, T. 13S., R. 25E. OF THE S.L.M. P.M.  
UINTAH COUNTY, COLORADO.



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR  
IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS  
SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND  
THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*  
UTAH L.S. NO. 4189

SURVEYED	7-27-82
DRAWN	8-1-82
CHECKED	8-2-82

ENERGY  
SURVEYS &  
ENGINEERING CORP.

1156 BOOKCLIFF AVE. NO. 4  
GRAND JUNCTION, CO. 81501  
303 248-7221

SCALE	1" = 1000'
JOB NO.	
SHEET	OF

TWELVE POINT PLAN OF DEVELOPMENT  
FOR SURFACE USE FOR THE  
BEARTOOTH OIL & GAS COMPANY

ENI-Hatch Federal #1-9  
NE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 1-T13S-R25E  
Uintah County, Utah

1. Existing Roads - a legible map showing:

- A. Proposed well site as staked. (Actual staking should include two each 200-foot directional reference stakes.): See Survey Plat #1
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: This location is about 10 miles north of Baxter Pass, CO in Davis Canyon. It is reached by going 12 miles north of Baxter Pass on the Evacuation Creek road; then turn southwesterly and go 1.6 miles up Davis Canyon to the beginning of the 1.1 miles of new access road.
- C. Access road(s) to location color-coded or labeled: See Map #1. Existing road is color-coded green; new road is colored red.
- D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.): N/A
- E. If development well, all existing roads within a 1-mile radius of wellsite: All existing roads are shown on Map #1.
- F. Plans for improvement and/or maintenance of existing roads: Beartooth Oil & Gas Company will blade the existing road. Occasional blading is also done by producing and pipeline companies in the area. Beartooth Oil & Gas Company has a BLM R/W for the Davis Canyon road (C-34251)

2. Planned Access Roads (See Map #1)

Map showing all necessary access roads to be constructed or reconstructed, showing:

- (1) Width & Disturbance: The 1.1 miles of new access road will be constructed with an 18' driving surface. The total disturbed width will vary from 30-80 feet depending on topography.
- (2) Maximum grades: The maximum grade is 10% for two short pitch grades.
- (3) Turnouts: Turnouts will be intervisible and constructed as topography dictates.
- (4) Drainage design: Natural drainage; road will follow contour of the land. All trees will be clean windrowed on the upper side of the road.
- (5) Location and size of culverts and brief description of any major cuts and fills: No culverts are planned. Two large low water wash crossings will be constructed.
- (6) Surfacing material: Native material only; no material will be brought in.
- (7) Necessary gates, cattleguards, or fence cuts: No fences are crossed by this road.
- (8) New or reconstructed roads are to be center-line flagged at time of location staking: The road is flagged. On side slopes the road will be "full bench" constructed.

3. Location of Existing Wells

Two-mile radius map if exploratory, or 1-mile radius map if development well showing and identifying existing (see Well Map No. 2)

- (1) Water wells: None
- (2) Abandoned wells: None
- (3) Temporarily abandoned wells: None
- (4) Disposal wells: None
- (5) Drilling wells: None
- (6) Producing wells: None
- (7) Shut-in wells: Two
- (8) Injection wells: None
- (9) Monitoring or observation wells for other resources: None

4. Location of Existing and/or Proposed Facilities

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

- 1. Tank batteries: None
- 2. Production facilities: None
- (3) Oil gathering lines: None
- (4) Gas gathering lines: None
- (5) Injection lines: None
- (6) Disposal lines: None

(Indicate if any of the above lines are buried.)

B. If new facilities are contemplated, in the event of production, show:

- (1) Proposed location and attendant lines by flagging if off of well pad: All facilities will be on the well pad.
- (2) Dimensions of facilities: See Plat No. 4. Separator 5' x 10', meter run 5' x 8', on drillsite pad and painted green to blend with the environment.
- (3) Construction methods and materials: No materials necessary. All lines will be coated, wrapped, and buried. See Plat No. 4.
- (4) Protective measures and devices to protect livestock and wildlife: A 10' x 10' water pit within 50' of the separator will be fenced. A metal guard or fiberglass shelter will be around the wellhead.

4. Location of Existing and/or Proposed Facilities (Continued)

- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction is completed: Upon completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to original terrain. Upon abandonment, all disturbed areas, including the location and access road, will be re-contoured, ripped or scarified as needed, and re-vegetated using a seed formula as specified by the BLM. Seeding will be done in the fall.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

5. Location and Type of Water Supply

- A. Show location and type of water supply either on map or by written description: The water source for this well is an existing water well in Section 11, T4S, R104W, Rio Blanco County, Colorado.
- \_\_\_\_\_
- \_\_\_\_\_
- B. State method of transporting water and show any roads or pipelines needed: Water will be transported by truck over the existing roadways and proposed access.
- \_\_\_\_\_
- C. If water well is to be drilled on lease, so state. (No APD for water well is necessary, however, unless it will penetrate potential hydrocarbon horizons): No water well is to be drilled.
- \_\_\_\_\_
- \_\_\_\_\_

6. Source of Construction Materials

- A. Show information either on map or by written description: No construction materials will be used other than native materials.
- \_\_\_\_\_
- \_\_\_\_\_
- B. Identify if from Federal or Indian land: Not applicable.
- \_\_\_\_\_
- C. Describe where materials, such as sand, gravel, stone, and soil material are to be obtained and used: Soil from cuts will be used for fills. No outside material will be brought in.
- \_\_\_\_\_
- \_\_\_\_\_
- D. Show any needed access roads crossing Federal or Indian lands under Item 2:
- \_\_\_\_\_
- \_\_\_\_\_

7. Methods for Handling Waste Disposal

Describe methods and location of proposed containment and disposal of waste material, including:

- (1) Cuttings: Cuttings will be buried in the reserve pit.
- \_\_\_\_\_
- \_\_\_\_\_
- (2) Drilling fluids: Drilling fluids will be handled in the reserve pit and left to evaporate.
- \_\_\_\_\_
- \_\_\_\_\_
- (3) Produced fluids (oil, water): Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of onsite for 30 days only, or 90 days with permission of District Supervisor. After that time, application will be made for approval of permanent disposal method in compliance with NTL-2b, and the rules and regulations of the State of Utah.
- \_\_\_\_\_
- \_\_\_\_\_

7. Methods for Handling Waste Disposal (Continued)

- (4) Sewage: Human waste will be disposed of in chemically treated sanitary pits.
- (5) Garbage and other waste material (trash pits should be fenced with small mesh wire to prevent wind scattering trash before being burned or buried): Garbage, waste, salts and other chemicals produced during drilling or testing will be handled in a trash cage. The trash cage will be totally enclosed with small mesh wire to prevent wind scattering trash before being removed. Reserve pit will be fenced on 3 sides during drilling and closed off on the 4th side at the time of rig release.
- (6) Statement regarding proper cleanup of wellsite area when rig moves out: Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil placed on top of any remaining fluid and cuttings; then top soil will be used to cover both pit and location area.

8. Ancillary Facilities

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods. (Camp center and airstrip center lines to be staked on the ground): No air strip, camp or other facilities will be built during drilling of this well.

9. Wellsite Layout

A plat (not less than 1" = 50') showing:

- (1) Cross sections of drill pad with cuts and fills: See Plat No. 2-A
- (2) Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities, and soil material stockpiles: See Plats Nos. 2 & 3  
Trees on the location will be cut and windrowed at the edges of the wellsite.
- (3) Rig orientation, parking areas and access roads: See Plat No. 3
- (4) Statement as to whether pits are to be lined or unlined. (Approval as used in this section means field approval of location. All necessary staking of facilities may be done at the time of field inspection. A registered surveyor is not mandatory for such operations): Pits will be unlined.

10. Plans for Restoration of Surface

State restoration program upon completion of operations, including:

- (1) Backfilling, leveling, contouring and waste disposal; segregation of spoils materials as needed: If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, levelling, and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away immediately to an approved sanitary land fill after drilling is completed. If production is obtained, the unused area will be restored as soon as possible. ..
- (2) Revegetation and rehabilitation, including access roads (normally per BLM recommendations): The soil banked material will be spread over the area. Re-vegetation will be accomplished by planting mixed grasses as per BLM specifications.
- (3) Prior to rig release, pits will be fenced and so maintained until clean-up: Three sides of the reserve pit will be fenced during drilling and closed off on the 4th side following rig release to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.

10. Plans for Restoration of Surface (Continued)

- (4) If oil on pit, remove oil or install overhead flagging: If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) Timetable for commencement and completion of rehabilitation operations: The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and re-vegetation is considered best in the fall, between Sept. 15 and Nov. 15.

11. Other Information

General description of:

- (1) Topography, soil characteristics, geologic features, flora and fauna: The topography of the area is characterized by wide, flat valleys and steep ridges. The wellsite is on a small ridge above Davis Canyon. The soils are shallow and rocky. Vegetation is Pinon-Juniper forest. Mule deer, rabbits and lizards inhabit the area.
- (2) Other surface use activities and surface ownership of all involved lands: All lands involved with this well are Public Lands.
- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites: The nearest live water is in Evacuation Creek 2 miles northeast of the wellsite. The nearest occupied dwelling is the Gentry Ranch 8 miles south of the wellsite. A cultural resource survey of the area has been made and the report filed with the BLM in Meeker, Colorado and Vernal, Utah.

12. Lessee's or Operator's Representative

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan:

James G. Routson  
Beartooth Oil & Gas Company  
P. O. Box 2564  
Billings, MT 59103  
Office Ph: 406-259-2451  
Home Ph: 406-245-8797

Ken Currey  
Box 1491  
Fruita, CO 81521  
Mobile Phone: 303-245-3660 Unit 5858  
Home Ph; 303-858-3257

13. Certification

The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Beartooth Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8/18/82  
Date

Kenneth A. Currey

WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D., 32.3 #/ft., Grade H-40, Short T&C, set at 200' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10 - 900 series casinghead with two 2" 2000 psi L.P. outlets.
3. Intermediate Casing: 7", 20#, K-55, set at 3630' and cemented with 150 sacks. The intermediate spool will be 10" - 900 x 10" - 900 series with two 2" 2000 psi L.P. outlets.
4. Blowout Preventor: A 10" 3000 psig W.P. double gate hydraulic shaffer BOP ( or equivalent ) with drill pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P. A Grant rotating head will be used while air and mist drilling. A new rubber will be installed prior to drilling through the Dakota. BOP's will be worked daily. Blind rams will be checked during trips. BOP's will be tested to 1500 psi prior to drilling shoe joint on surface casing and intermediate casing.
5. Auxiliary Equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained. (c) Upper kelly cock will be used. (d) Stabbing valve will be kept on floor.
6. Anticipated bottom hole pressure is less than 2200 psi at 7800' or a gradient of .28 psi/ft or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

BEARTOOTH OIL & GAS COMPANY

By: \_\_\_\_\_

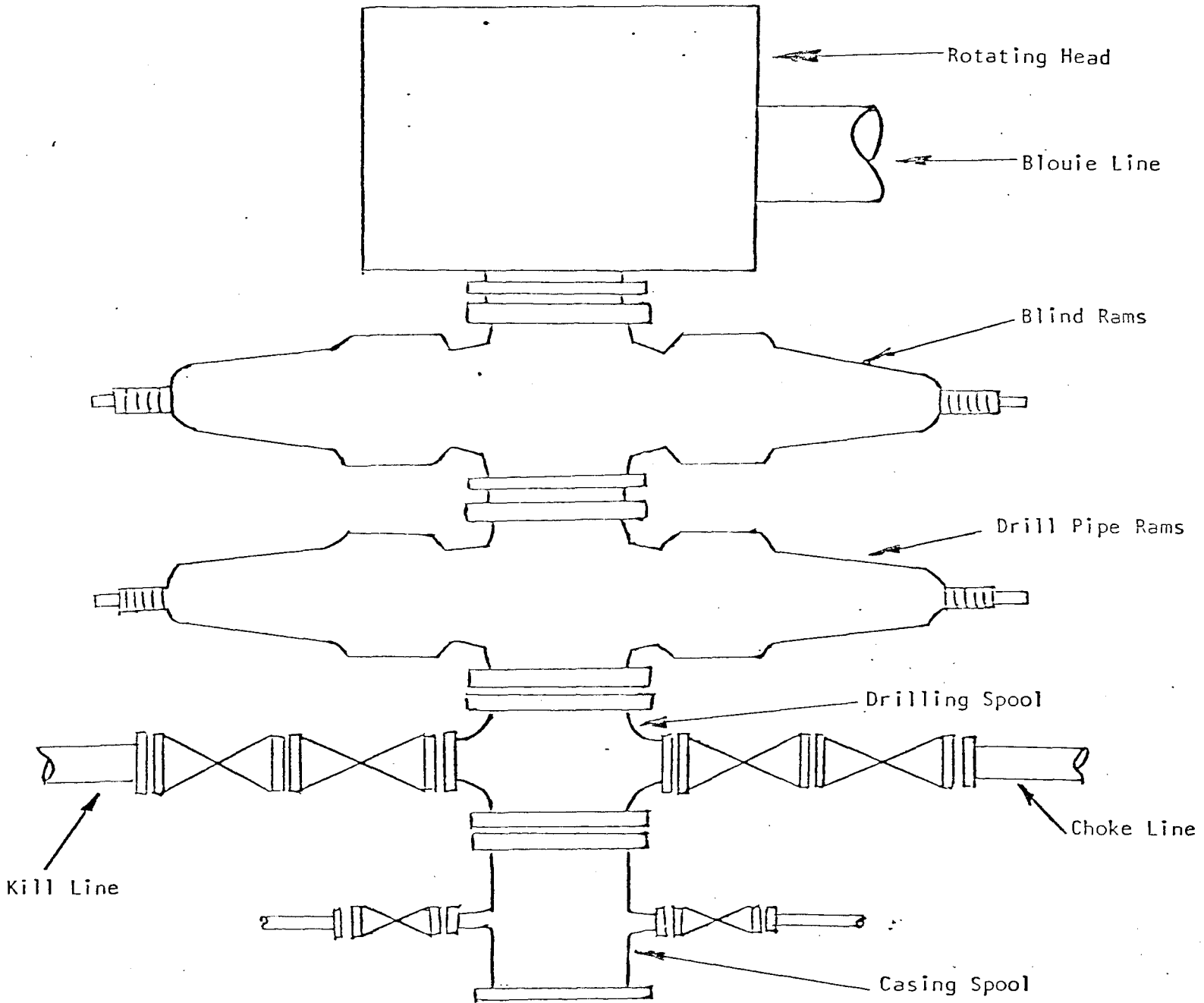
James G. Routson  
James G. Routson, Petroleum Engineer



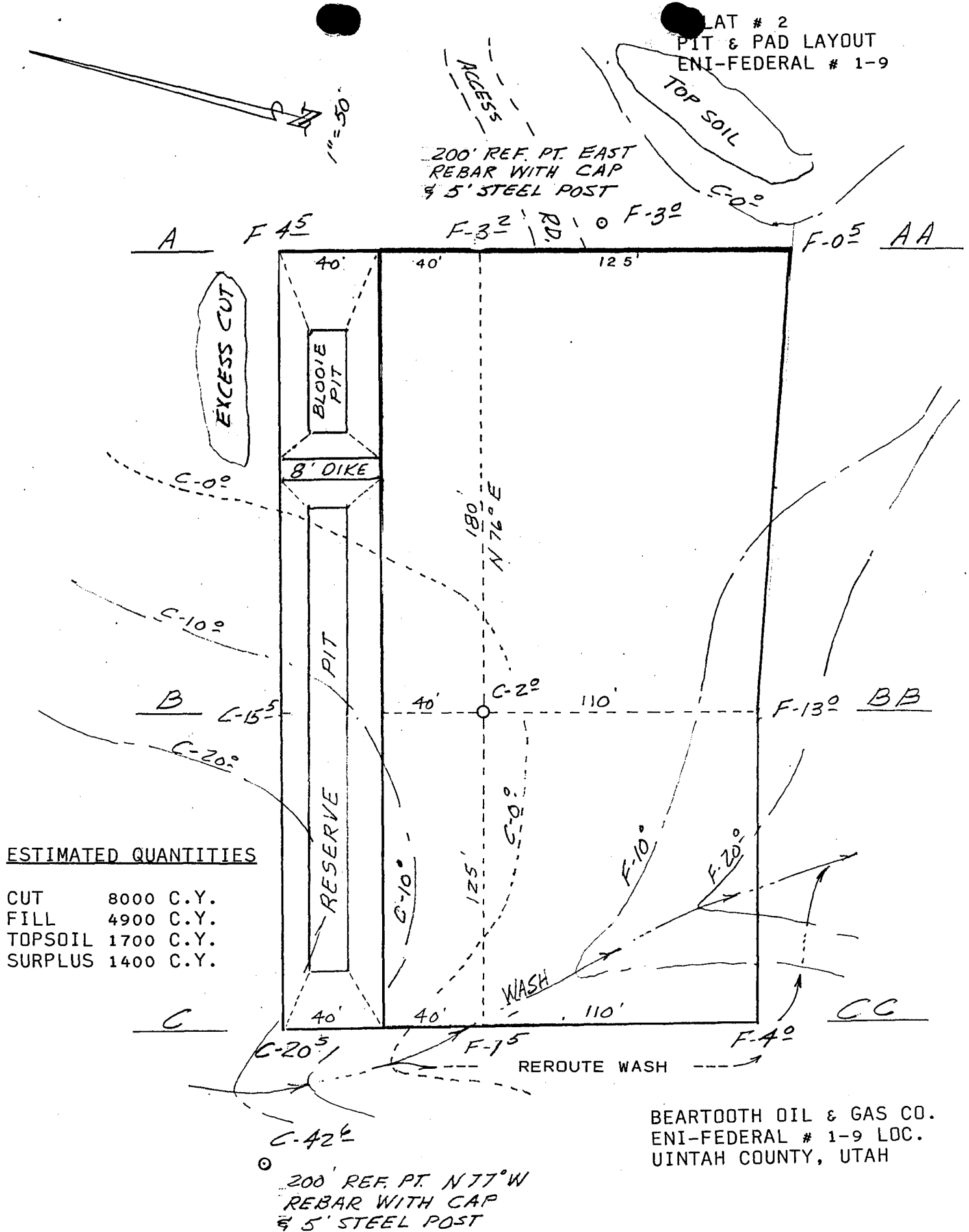
# SCHEMATIC OF BOP STACK

Air drilled wells using 900 series wellhead equipment.

Interval from 200' to total depth.



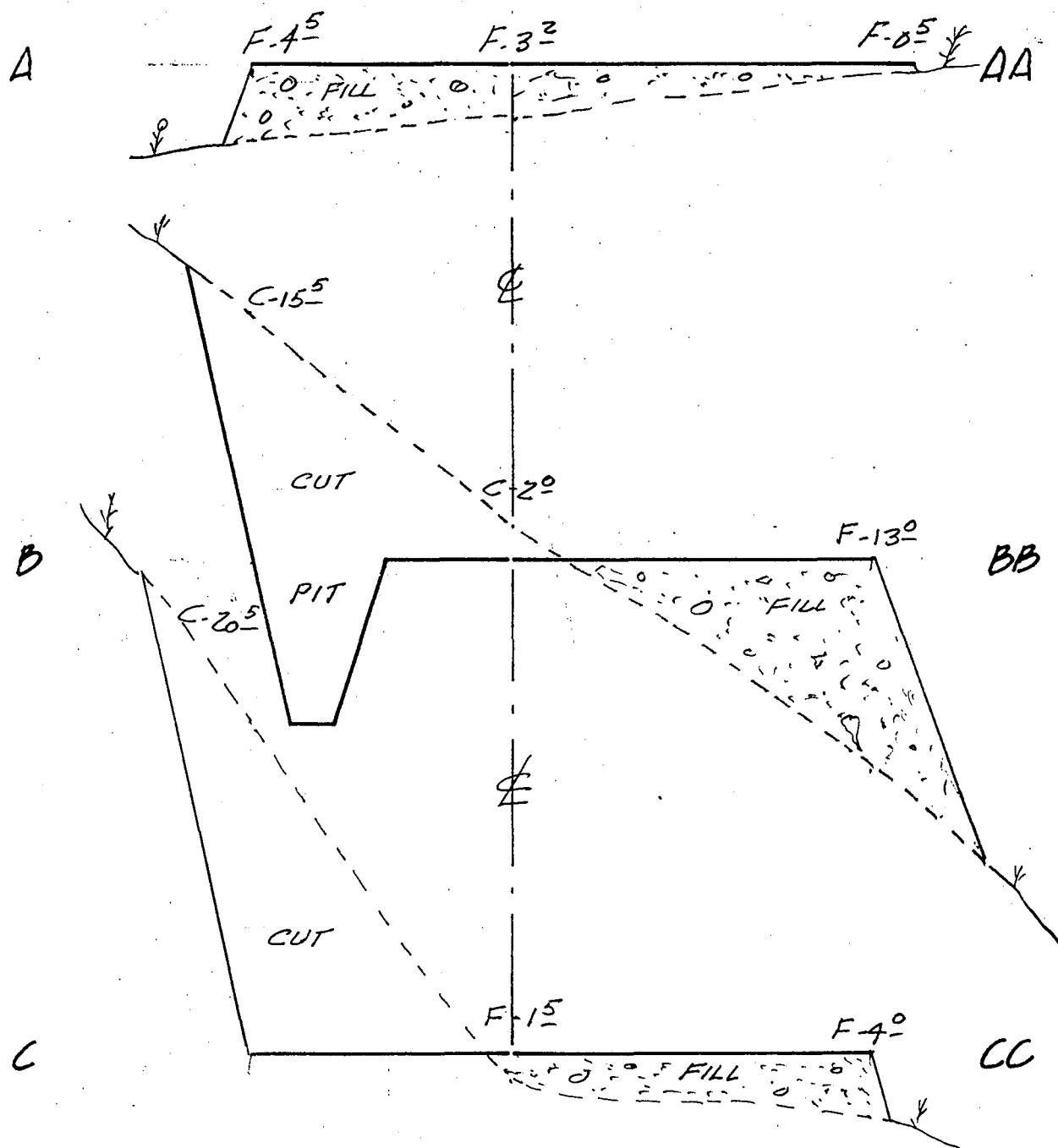
LAT # 2  
PIT & PAD LAYOUT  
ENI-FEDERAL # 1-9



# CROSS-SECTIONS

PLAT # 2A

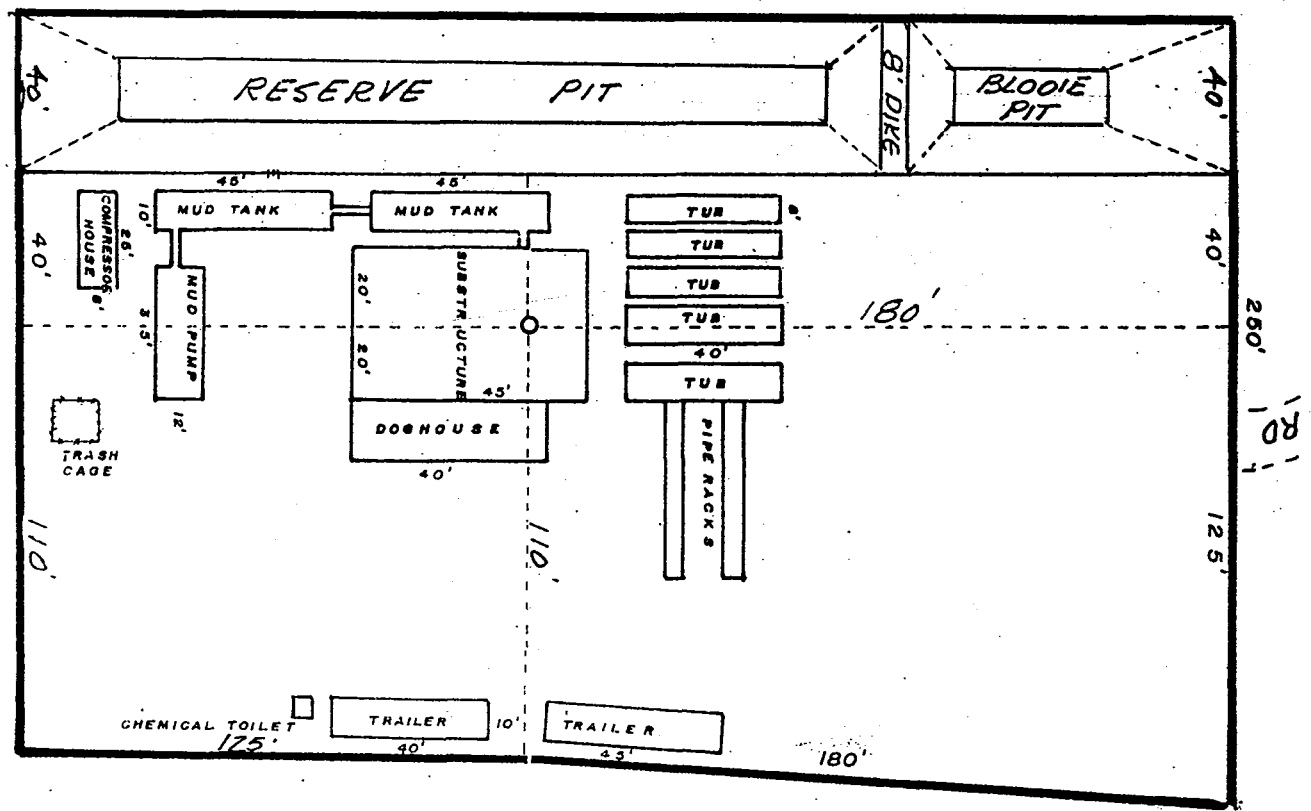
CROSS-SECTIONS  
ENI-FEDERAL # 1-9



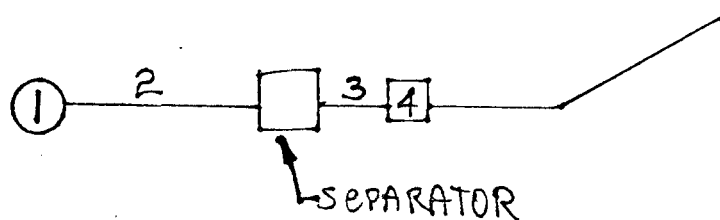
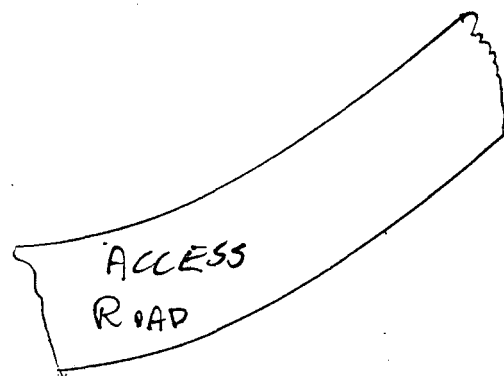
1" = 20' VERT.  
SCALE  
1" = 50' HORIZ.

BEARTOOTH OIL & GAS CO.  
ENI-FEDERAL # 1-9 LOC.

PLAT # 3  
RIG LAYOUT  
ENI-FEDERAL # 1-9



BEARTOOTH OIL & GAS CO.  
ENI-FEDERAL # 1-9 LOCATION  
UINTAH COUNTY, UTAH



5

1. Wellhead will be a 6" - 900 series flanged top. Tubing head will be 10" - 900 x 6" - 3000 psi with two 2" 3000 psi flanged valves. Tree will be 2" screwed x 3000 psi W.P.
2. Line between wellhead and separator will be approximately 100 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approximately 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried, and will be approximately 25 feet in length.
4. Meter run will be American 4" run, 500 psi static rating, 100" of water differential rating.
5. Pit, if necessary, will be 8' x 8', enclosed by dikes and fenced.

\*\* FILE NOTATIONS \*\*

DATE: 8-25-82

OPERATOR: BEARTOOTH OIL & GAS CO

WELL NO: FED ENI-HATCH \* 1-9

Location: Sec. NESE 1 T. 13S R. 25E County: UINTAH

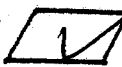
File Prepared:



Entered on N.I.D:



Card Indexed:



Completion Sheet:



API Number 43-047-31262

CHECKED BY:

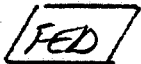
Petroleum Engineer: \_\_\_\_\_

Director: \_\_\_\_\_

Administrative Aide: SITE TOO CLOSE TO 1/4 1/4 LINES FOR C-3

APPROVAL LETTER:

Bond Required:



Survey Plat Required:

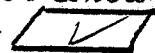


Order No. \_\_\_\_\_

O.K. Rule C-3



Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site



Lease Designation



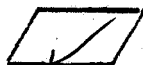
Plotted on Map



Approval Letter Written



Hot Line



P.I.

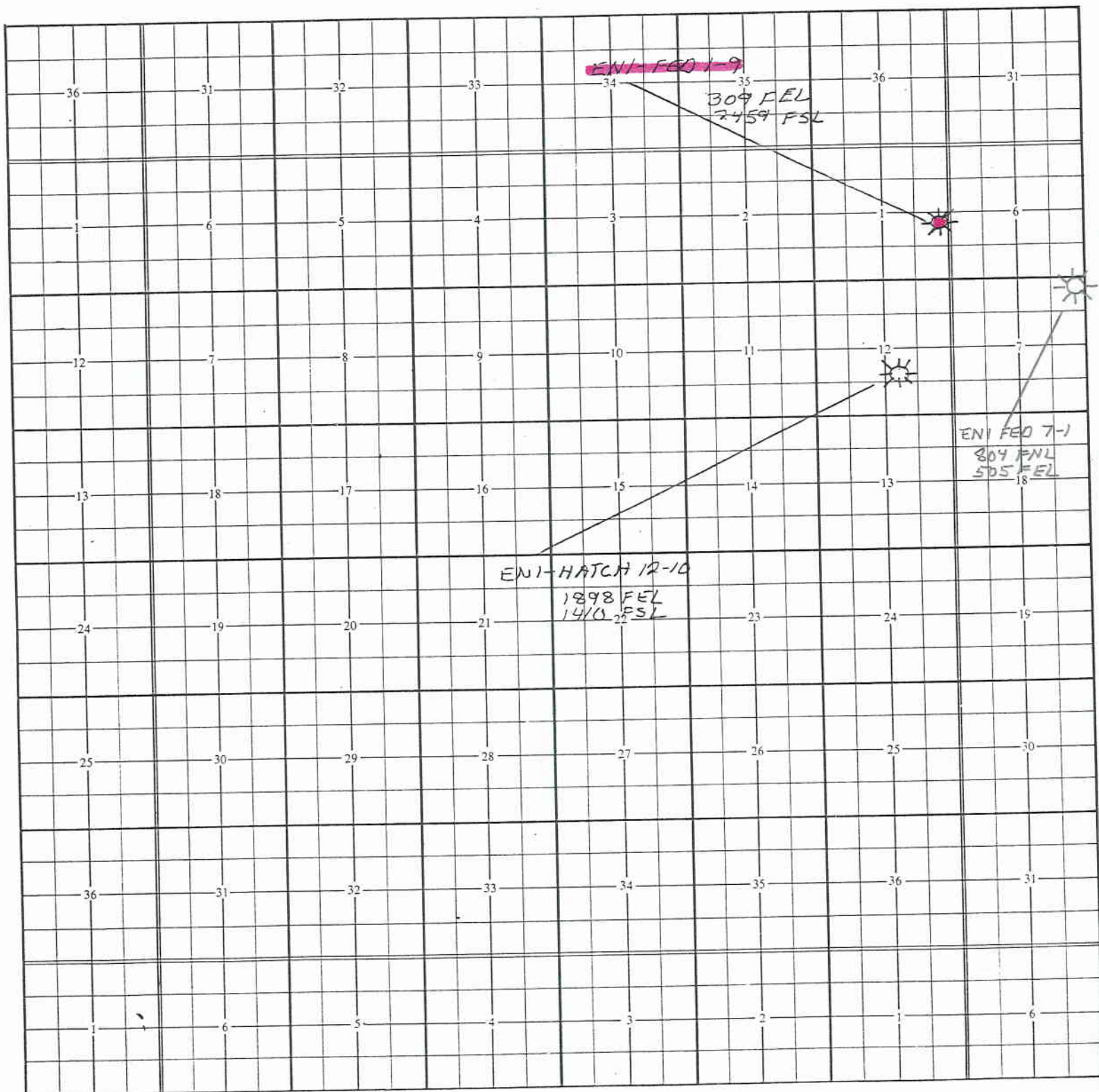


Norm

# TOWNSHIP PLAT

Owner BEARTOOTH Date 8-24-82

Township 13 S Range 25 E County UINTAH



**BEARTOOTH OIL & GAS COMPANY**

---

P.O. Box 2564  
Billings, Montana 59103  
(406) 259-2451

August 25, 1982

Oil, Gas & Mining Division  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Federal ENI-Hatch #1-9  
NE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 1-13S-25E  
Uintah County, Utah

Attention: Mr. Norm Stout  
(Holding File)

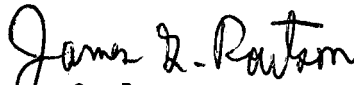
Gentlemen:

We hereby request Rule C3(c) be applied as exception to spacing regulations as it pertains to proximity to the quarter/quarter lines due to topographic reasons.

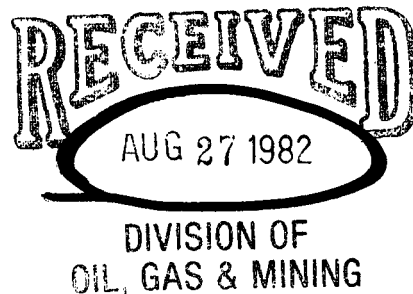
Beartooth and its partners control all leases within 660' radius of the location.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

  
James G. Routson  
Petroleum Engineer

JGR/gb





August 27, 1982

Beartooth Oil & Gas Company  
P. O. Box 2564  
Billings, Montana 59103

RE: Well No. ENI-Hatch 1-9 Federal  
NESE Sec. 1, T. 13S, R. 25E  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

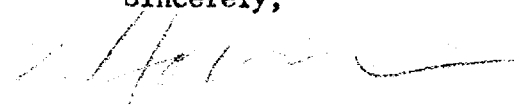
CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31262.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Minerals Management Service  
Enclosure



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 21, 1983

Beartooth Oil & Gas Company  
P. O. Box 2564  
Billings, Montana 59103

Re: Well No. ENI-Hatch Federal # 1-9  
Sec. 1, T. 13S, R. 25E.  
Uintah County, Utah

Well No. ENI-Hatch Federal # 12-10  
Sec. 12, T. 13S, R. 25E.  
Uintah County, Utah

Well No. Main Cyn Federal # 31-10  
Sec. 31, T. 15S, R. 23E.  
Uintah County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

BEARTOOTH OIL & GAS COMPANY

P.O. Box 2564  
Billings, Montana 59103  
(406) 259-2451

March 23, 1983

State of Utah  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: ENI-Hatch Federal #1-9  
ENI-Hatch Federal #12-10  
Main Canyon Federal #31-10  
Uintah County, Utah

Gentlemen:

In reply to your letter dated March 21, 1983, please be advised that the above three wells were not drilled last year since we were unable to get offset completed wells hooked up and producing, thus delaying a more complete evaluation of the locations.

We hope to drill all three wells this coming summer. If our plans change, we will notify you and abandon the locations via a sundry notice.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

*Jim Routson*

James G. Routson  
Petroleum Engineer

JGR/gb

RECEIVED BY:

*Lari Furse*  
*4-4-83*

RECEIVED  
MAR 25 1983

DIVISION OF  
OIL GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 13, 1983

Beartooth Oil & Gas Company  
P. O. Box 2564  
Billings, Montana 59103

Re: Well No. ENI-Hatch # 1-9  
2459' FSL, 309' FEL  
NE SE, Sec. 1, T. 13S, R. 25E.  
Uintah County, Utah

Well No. ENI-Hatch # 12-10  
1410' FSL, 1898' FEL  
NW SE, Sec. 12, T. 13S, R. 25E.  
Uintah County, Utah

Well No. Main Canyon Fed. # 31-10  
1800' FSL, 2300' FEL  
NW SE, Sec. 31, T. 15S, R. 23E.  
Uintah County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

**BEARTOOTH OIL & GAS COMPANY**

---

P.O. Box 2564

Billings, Montana 59103

(406) 259-2451

November 7, 1983

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: ENI-Hatch #1-9 - NE $\frac{1}{4}$ SE $\frac{1}{4}$  1-13S-25E  
ENI-Hatch #12-10 - NW $\frac{1}{4}$ SE $\frac{1}{4}$  12-13S-25E  
Main Canyon Fed. #31-10 - 31-15S-23E  
Uintah County, Utah

Gentlemen:

Please be advised that the above referenced wells have been temporarily abandoned. We do intend to drill these wells at some later date, but will resubmit applications to drill at that time.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY

*James G. Routson*

James G. Routson  
Petroleum Engineer

JGR/gb

Received by: *Claudia Jones*

Date: *11/14/83*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLEASE  
U-46730

6. IF INDIAN, ALLOTTEL OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal9. WELL NO.  
ENI-Hatch No. 1-910. FIELD OR WILDCAT NAME  
Columbine Springs11. SEC., T., R., M., OR BLK. AND SURVEY OR  
AREA  
NE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 1-T13S-R25E12. COUNTY OR PARISH  
Utah13. STATE  
Utah14. API NO.  
43 047 31262

15. ELEVATIONS (SHOW DF, KDB, AND WD)

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)1. oil well ☐ gas well ☐ other ☒ Abandon location2. NAME OF OPERATOR  
Beartooth Oil & Gas Company3. ADDRESS OF OPERATOR  
P. O. Box 2564, Billings, Montana 591034. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 309' FEL, 2459' FSL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

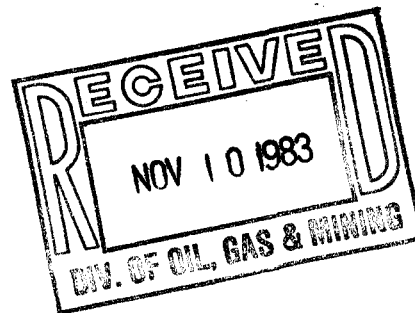
## SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐(other) Abandon Location

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above location has been abandoned. No dirt work or location disturbance has occurred.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James G. Routson TITLE Petroleum Engineer DATE 11/8/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

3100  
(U-922)

January 12, 1984

Beartooth Oil & Gas Company  
P. O. Box 2564  
Billings, Montana 59103

Re: ~~Rescinded Applications for Permit~~  
to Drill

Well No. 12-10  
Section 12, T.13S., R.25E.  
Lease U-46730

Well No. 1-9  
Section 1, T.13S., R.25E.  
Lease U-46730

Well No. 31-10  
Section 31, T.15S., R.23E.  
Lease U-44438  
All in Uintah County, Utah

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved September 27, 1982 and November 15, 1982. We are in receipt of your requests to abandon the locations. We are rescinding the approvals of the referenced per your request.

Sincerely,

(ORIG. SGD.) W. P. MARTENS

*Jon*  
E. W. Guynn  
Chief, Branch of Fluid Minerals

bcc: Vernal District Office  
State O&G  
State BLM  
Well File  
APD Control

922:WPMartens:kr:01-12-84:X3024